MSEA
WMU
2023

MSEA

FIELD STUDY

Final report

Sweden

July 04 – 07, 2023

Faculty, Hosts' Representatives, and Students

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THORE HAGMAN
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MEM 2023

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Acknowledgements

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Hai Vuong

MSEA Representative

04 July 2023: 1230 LT

WMU Headquarters

Mr. **JOHAN MÅRTENSSON** introduced the Search and Rescue (SAR) activities in Sweden to the MSEA and MEM Students. The presentation provided perspectives regarding SAR operations from the **Swedish Maritime Administration** and the **Swedish Coast Guard**, including, *inter alia*, their history, legal frameworks, and especially, their achievements, and current and future developments.

On behalf of the MSEA and MEM Students, **ARTEMISA C. G. N. MOTA** addressed gratitude and appreciation to the visiting lecturer and the institutions.

04 July 2023: 1400 LT

Malmö Harbor

Afterwards, the MSEA and MEM Students proceeded to the pier at *Ångbåtsbron 1*, where three SAR units from the **Swedish Coast Guard**, the **Swedish Maritime Administration**, and the **Swedish Sea Rescue Society** were moored. The Faculty and Students experienced the demonstrations from those units, as well as boarded their rescue boats and vessels. The MSEA and MEM Students also had opportunities to interact with the Captains and the Crews on board of those rescue units.

Gratefully, on behalf of the Students, **YARA H. A. TEMBE**, **LYN ALQUIZAR**, and **ANTHONY CUEVAS** delivered the special thanks and appreciations to the Representatives on board of the three rescue units.

05 July 2023: 1400 LT

Swedish Sea Rescue Society's Headquarters

Upon arrival at the *City of Gothenburg*, the Faculty and Students visited the *Swedish Sea Rescue Society's Headquarters*, and were warmly welcomed by the Association's Representatives, Dr. **THORE HAGMAN** and Mr. **MATTHEW FADER**. After a technical tour around the building, there was an interesting presentation with information regarding the history, operations, development purpose, value, and strategy of the Association. It is important to cite the quote of "*No one should lose their life in Swedish waters*" to understand the huge efforts from the team of **2400 crewmembers-volunteers** in **74 rescue stations**, not only along the Sweden's coastal areas, but also in the country's inland waters, canals, and major lakes. The stories of history were demonstrated from the era of "*unknown savior*", to their establishment over 100 years ago in 1907, the current operations utilizing modern equipment, and towards the new SAR-related challenges and developments in the future.

05 July 2023: 1700 LT

Öckerö Maritime Center

The next destination of the Faculty and Students was the *Öckerö Maritime Center*, which is located on the *Island of Öckerö*. It was an interesting experience visiting the Center, where the equipment and facilities for **basic safety training** located. Besides, at the Center, there is an open-air Swedish-style sauna, which is an ideal place for discussing and socializing.

The dinner and meeting were painted by the beauty of the island under the sunset sky, with the sea, some curious seabirds, jellyfishes, and seals, as well as the passing sailing boats.

06 July 2023: 0830 LT

Öckerö Maritime Center

Under the instructions by Mr. **MATTHEW FADER** and the Öckerö Maritime Center's team, the MSEA and MEM Students experienced unique basic training exercises. The first exercise scenario was the **emergency flooding drill**. There were three stations at the simulated damaged vessel, namely, the on-scene station dealing with flooding prevention, i.e., to seal the damages, the supporting station responsible for supplying anti-flooding equipment, and the pumping station ensuring the continuous operation of the emergency pump.

All in all, thanks to the collective efforts and especially, the contribution from the emergency pumping team, including, e.g., **KHALED J. H. AQWUYIDIR** and **BISMA KHAN**, the water in the flooded compartment was successfully pumped overboard saving the vessel, the crew, its cargo, and especially, **the marine environment**.

06 July 2023: 0930 LT

Öckerö Maritime Center

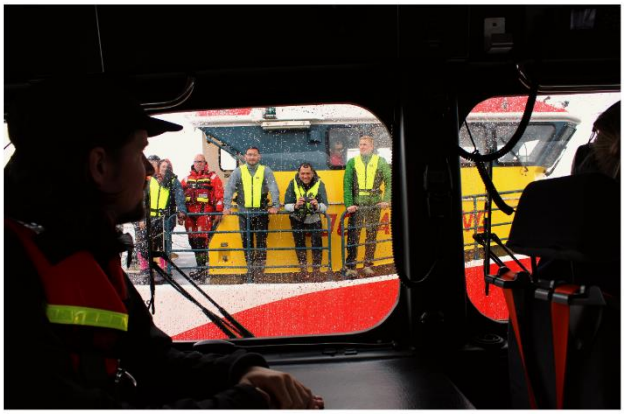
The second part of the basic training exercise was the **abandon ship drill**. All crewmembers, after properly donning the **immersion suits** and **lifejackets**, mustered at the **assembly station** on the embarkation deck. It is important to mention that, all the devices and equipment are in compliance with the **SOLAS Convention** and the **International Life-Saving Appliance (LSA) Code** thereof. In addition, for the safety reason, two team members equipped with immersion suits protecting the trainees in the water, together with a water scooter patrolling the drill area. Upon commands from Mr. **MATTHEW FADER**, the crewmembers jumped into the water from the platform, and swam towards the VIKING **inflatable liferaft**. It is remarkable that the "female seafarers", namely, **TEMBE THANDEKA N.**, **TEONA KHABEISHVILI**, **YARA H. A. TEMBE**, **BISMA KHAN**, and **LYN ALQUIZAR**, are so brave to excellently perform the drill, jumping from 14 meters above the sea, together with their Colleagues.

06 July 2023: 1300 LT

SAR Exercise, Archipelago of Gothenburg

The afternoon exercise included **search and rescue operations**. From the designated harbor on the *Island of Öckerö*, all trainees were divided into several groups boarding some rescue boats and vessels with different sizes and capacities. At the time of reporting, the rescue boats and vessels were proceeding at the speed over ground of over 28 knots, with heading of 328°.

The exercise scenario was to search and rescue a missing person in distress with a difficulty in determining their location. Nevertheless, the SAR team was supported by a smart and well-trained rescue dog. Together with this special rescue crewmember, **PENG LYU**, **BISMA KHAN**, and two other team members sailed on the same rescue boat, heading towards the direction of the person in distress.



06 July 2023: 1300 LT

SAR Exercise, Archipelago of Gothenburg

The signal from the rescue dog indicated the direction leading to the location of the person in distress. Then, the command "*All hands on deck*" was given. Following the above-mentioned rescue boat and in coordination altogether, the SAR team proceeded full-ahead towards one direction. Finally, the person in distress was successfully rescued and provided with appropriate assistance.

The next chapter of the afternoon SAR exercise was the **recovery of persons from water** by **helicopter**. Via radio-communication, the helicopter pilot and the SAR team located the persons in the water. Afterwards, the rescuers from the helicopter recovered those persons from the water one after another. Finally, the SAR exercise operations were successfully conducted. All rescue vehicles proceeded towards the *Rescue Station Rörö*.

06 July 2023: 1700 LT

Rescue Station Rörö

The Faculty, MSEA and MEM Students had a unique opportunity to visit the rescue station on the *Island of Rörö*. The rescue team welcomed the Faculty and Students with special and warm courtesy. The Students were extremely excited to get acquainted with the rescue dog, one of the heroes, *inter alios*, of the SAR exercise. **TEMBE THANDEKA N., TEONA KHABEISHVILI, YARA H. A. TEMBE, BISMA KHAN, LYN ALQUIZAR, JOSE M. WISNIESKI, PENG LYU, ESLAM R. B. GAD**, and their Colleagues took photographs with the rescue dog.

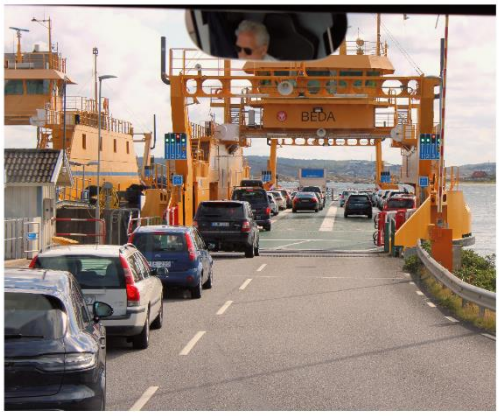
During the meeting, Mr. **MATTHEW FADER** introduced a **remotely operated lifebuoy** to the Faculty and the Students. There were several questions raised from the Students during the introduction and demonstration of the device, e.g., whether this type of lifebuoy can be implemented as **man-overboard lifebuoys**. Finally, the wonderful meeting concluded in the middle of the magnificent landscape and seascape of the island under the sun.

07 July 2023: 0830 LT

Öckerö Maritime Center

Ultimately, a meeting for recap and review of the field study was carried out at the *Öckerö Maritime Center*. On behalf of the MSEA and MEM Students, **HAI VUONG**, **KHALED J. H. AQWUYIDIR**, **ISMAIL AHMED M. I. M.**, and **YARA H. A. TEMBE** addressed special gratitude and appreciation to Dr. **THORE HAGMAN**, Mr. **MATTHEW FADER**, the Swedish Sea Rescue Society, the Association's managers, staff, and crewmembers-volunteers. The Faculty and Students also received valuable advices and encouragements from the Association's Representatives.

MSEA Correspondent: **HAI VUONG & Associates**
Gothenburg, signing off.



“Those were extraordinary experiences, time in Gothenburg.”

WMU WORLD MARITIME UNIVERSITY
SJÖFARTSVERKET
KUSTBEVAKNINGEN SWEDISH COAST GUARD
SJÖRÄDDNINGS SÄLLSKAPET
ÖMC

4 QUALITY EDUCATION
5 GENDER EQUALITY
SUSTAINABLE DEVELOPMENT GOALS
14 LIFE BELOW WATER
17 PARTNERSHIPS FOR THE GOALS

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